



## Science Toolkit: Grade 7 Objective 3.A.1.a

Student Handout: Science: Grade 7 Objective 3.A.1.a

Standard 3.0 Life Science

Topic A. Diversity of Life

Indicator 1. Compile evidence to verify the claim of biologists that the features of organisms connect or differentiate them-these include external and internal structures (features) and processes.

Objective a. Provide examples and explain that organisms sorted into groups share similarities in external structures as well as similarities in internal anatomical structures and processes which can be used to infer the degree of relatedness among organisms

Vascular - non vascular plants

Closed - open circulatory systems

Asexual - sexual reproduction

Respiration (lungs-gills-skin)

Digestion

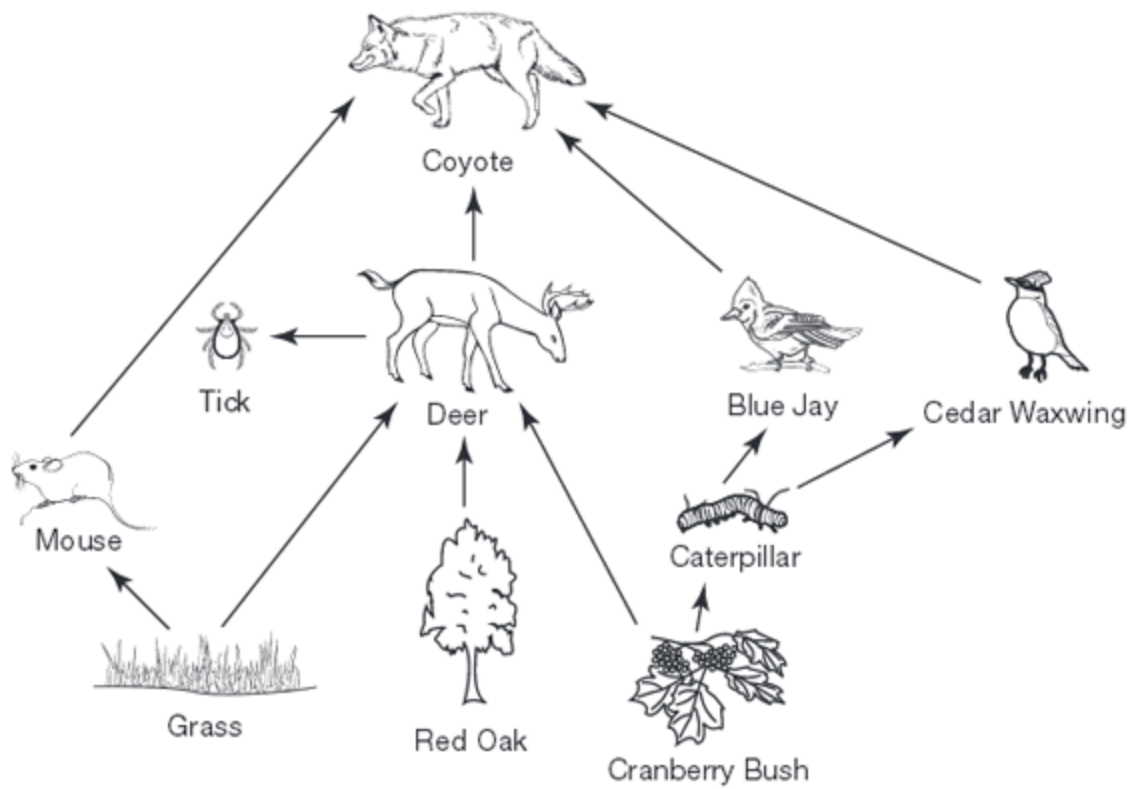
Selected Response (SR) Item

Question

Use the information and the diagram below to answer the following:

### Partial Forest Food Web

The movement of energy and matter through some organisms in a forest ecosystem is shown in this food web.



Which two organisms in the food web share the most similarities in external structures?

- A. the mouse and the deer
- B. the tick and the caterpillar
- C. the grass and the red oak
- D. the blue jay and the cedar waxwing

Correct Answer

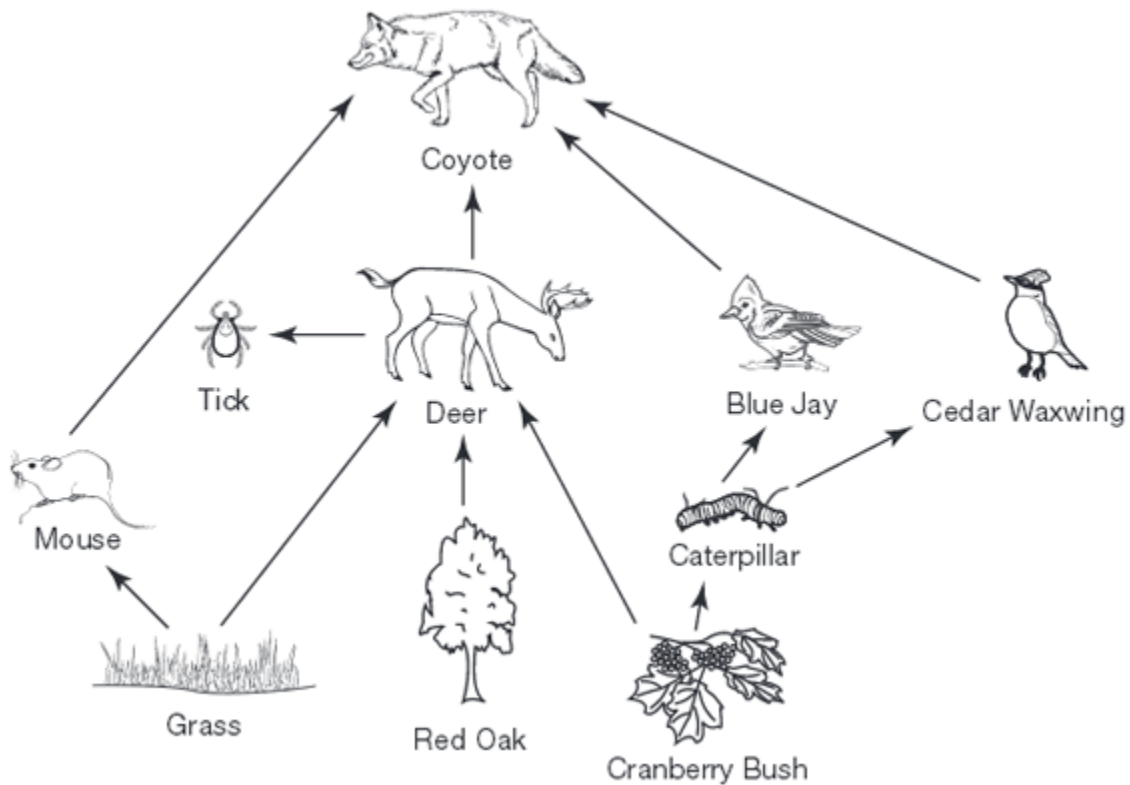
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